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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

APPLICANTS: Samofalov et al. CONFIRMATION NO.: 4328  
SERIAL NO.: 10/715,635 GROUP ART UNIT: 2651  
FILED: November 18, 2003  
TITLE: "MAGNETIC RECORDING HEAD AND METHOD FOR HIGH COERCIVITY MEDIA, EMPLOYING CONCENTRATED STRAY MAGNETIC FIELDS"

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

S I R:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the following documents be made during the course of examination of the above-referenced application for United States Letters Patent.

- AT "New Structured Planar Write Head for 100 Gb/in<sup>2</sup> and Beyond," Kanai et al., IEEE Trans. on Magnetics, Vol. 38, No. 5, September 2002, pages 2210-2212
- AU "Design Optimization of Planar-Type Write Head for High-Density Magnetic Recording," Kim et al., IEEE Trans. on Magnetics, Vol. 38, No. 5, September 2002, pages 2213-2215
- AV "'Disk Recording Beyond 100 Gb/in.<sup>2</sup>: Hybrid Recording? (Invited)," Ruigrok et al., J. of App. Physics, Vol. 87, No. 9, May 1, 2000, pages 5398-5403
- AW "New Magnetic Recording Method Using Laser Assisted Read/Write Technologies," Katayama et al., Proc. of Magneto-Optical Recording Int. Symp. '99, J. Magn. Soc. Jpn., Vol. 23, Supplement No. S1, (1991) pages 233-236

AX "High Density Thermomagnetic Recording on Flux Detectable RE-TM Media," Nemoto et al., Proc. of Magneto-Optical Recording Int. Symp. '99, J. Magn. Soc. Jpn., Vol. 23, Supplement No. S1, (1991) pages 229-232

**EXPLANATION OF RELEVANCE**

The above references were identified and discussed at pages 2 and 3 of the present specification and Applicants stand by the statements in the specification concerning the teachings of these references.

Copies of each of the above references together with Form 1449 are submitted herewith.

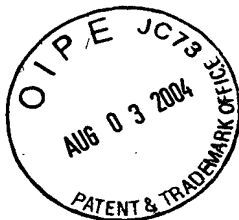
As of the date of mailing of this Information Disclosure Statement, a first Office Action on the merits has not been received in connection with this application, and therefore, this Information Disclosure Statement is in compliance with 37 C.F.R. §1.97(b)(3), and no fee is necessary.

All claims of the application are submitted to be patentable over the teachings of the above references, taken singly or in combination, or in combination with any of the previously submitted references. Early consideration of the application is therefore respectfully requested.

Submitted by,

 (Reg. 28,982)

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on July 30, 2004.

*Steven H. Noll*

STEVEN H. NOLL

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| Form PTO-1449  |    |  |                 |         | Docket No.<br>P03,0239           |          | Serial No.<br>10/715,635      |    |
| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br>(use several sheets if necessary)  |    |  |                 |         | Applicant<br>Samofalov et al.    |          |                               |    |
|  |    |  |                 |         | Filing Date<br>November 18, 2003 |          | Group Art Unit<br>2651        |    |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |                 |         |                                  |          |                               |    |
| Examiner's<br>Initials   |    | Document Number  | Date            | Name    | Class                            | Subclass | Filing Date If<br>appropriate |    |
|  | AA |  |                 |         |                                  |          |                               |    |
|  | AB |  |                 |         |                                  |          |                               |    |
|  | AC |  |                 |         |                                  |          |                               |    |
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|  | AJ |  |                 |         |                                  |          |                               |    |
|  | AK |  |                 |         |                                  |          |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |                 |         |                                  |          |                               |    |
|  |    | Document Number  | Date            | Country | Class                            | Subclass | Translation                   |    |
|  |    |  |                 |         |                                  |          | Yes                           | No |
|  | AL |  |                 |         |                                  |          |                               |    |
|  | AM |  |                 |         |                                  |          |                               |    |
|  | AN |  |                 |         |                                  |          |                               |    |
|  | AO |  |                 |         |                                  |          |                               |    |
|  | AP |  |                 |         |                                  |          |                               |    |
|  | AQ |  |                 |         |                                  |          |                               |    |
|  | AR |  |                 |         |                                  |          |                               |    |
|  | AS |  |                 |         |                                  |          |                               |    |
| <b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |  |                 |         |                                  |          |                               |    |
|  | AT | "New Structured Planar Write Head for 100 Gb/in <sup>2</sup> and Beyond," Kanai et al., IEEE Trans. on Magnetics, Vol. 38, No. 5, September 2002, pages 2210-2212  |                 |         |                                  |          |                               |    |
|  | AU | "Design Optimization of Planar-Type Write Head for High-Density Magnetic Recording," Kim et al., IEEE Trans. on Magnetics, Vol. 38, No. 5, September 2002, pages 2213-2215   |                 |         |                                  |          |                               |    |
|  | AV | "Disk Recording Beyond 100 Gb/in. <sup>2</sup> : Hybrid Recording? (Invited)," Ruigrok et al., J. of App. Physics, Vol. 87, No. 9, May 1, 2000, pages 5398-5403  |                 |         |                                  |          |                               |    |
|  | AW | "New Magnetic Recording Method Using Laser Assisted Read/Write Technologies," Katayama et al., Proc. of Magneto-Optical Recording Int. Symp. '99, J. Magn. Soc. Jpn., Vol. 23, Supplement No. S1, (1991) pages 233-236 |                 |         |                                  |          |                               |    |
|  | AX | "High Density Thermomagnetic Recording on Flux Detectable RE-TM Media," Nemoto et al., Proc. of Magneto-Optical Recording Int. Symp. '99, J. Magn. Soc. Jpn., Vol. 23, Supplement No. S1, (1991) pages 229-232         |                 |         |                                  |          |                               |    |
| Examiner   |    |  | Date Considered |         |                                  |          |                               |    |
| <b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |                 |         |                                  |          |                               |    |